

TYE STANLEY

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SUMMARY

Driven full-stack software developer with 5+ years of experience building scalable web applications and mentoring the next generation of developers. As a former teaching assistant, I successfully guided over 100 students through their coding journey, achieving a 95% retention rate and 30% improvement in coding proficiency. I specialize in modern technologies, including React, Next.js, TypeScript, and .NET, with a proven track record of delivering high-performance applications and fostering collaborative development environments. Committed to continuous learning and helping others succeed in the ever-evolving tech landscape.

What I offer:

1. User-centric development: I craft interfaces that strike a balance between functionality and intuitive design.
2. Team-oriented collaboration: From pair programming to knowledge sharing, I foster productive development environments.
3. Adaptive problem-solving: I excel in dynamic settings where requirements evolve and creative solutions are essential.
4. Continuous growth mindset: Committed to staying current with industry advancements while helping others learn.
5. Whether optimizing performance, implementing new features, or guiding fellow developers, I approach each challenge with professionalism and a focus on delivering quality results.

WORK EXPERIENCE

TEACHER ASSISTANT / FULL STACK DEVELOPER - Edx – [Oct 2022 – Mar 2025]

- Facilitated learning for over 100+ students new to coding, employing diverse teaching methods that led to a 95% student retention rate across coding bootcamp cohorts.
- Guided students through 200+ coding challenges, enhancing their problem-solving skills, with 90% of students completing projects that met or exceeded requirements.
- Provided personalized support and feedback to each student, contributing to a 30% improvement in coding proficiency and a 40% increase in confidence levels as measured by pre- and post-assessment surveys.
- Collaborated with lead instructors to refine and update curriculum content, resulting in a 25% increase in course material relevance and a 15% improvement in overall student satisfaction ratings.

PROJECTS

PORTFOLIO

- Developed a modern, responsive portfolio website using Next.js and React, implementing TypeScript for type safety and maintainable code architecture
- Developed interactive UI components and animations, creating smooth page transitions and micro-interactions for enhanced user engagement
- Implemented responsive design with Tailwind CSS, ensuring optimal user experience across desktop, tablet, and mobile devices
- Built custom React hooks for modal management and page transitions, demonstrating advanced component architecture and state management patterns
- Deployed on Vercel with an automated CI/CD pipeline, enabling seamless updates and maintaining

high availability for professional networking

Website: <https://tyestanley.com/>

Source: <https://github.com/TyeStanley/portfolio-definitive>

LUNATUNE [FRONTEND]

- Developed a modern, responsive web interface using Next.js and Redux, applying contemporary UI/UX best practices for an engaging user experience across devices.
- Engineered an intuitive music discovery and playlist management UI, enabling users to easily search, create, and organize personalized music libraries.
- Implemented real-time audio visualization and smooth animations to enhance interactivity and user engagement.
- Integrated with the custom Lunatune Backend API for seamless authentication, user data synchronization, and secure session management.
- Implemented comprehensive frontend testing with Jest, ensuring reliability and maintainability of all user-facing features.

Website: <https://lunatune-app.vercel.app/>

Source: <https://github.com/TyeStanley/lunatune-app>

LUNATUNE [BACKEND]

- Developed a robust RESTful API using .NET, powering music streaming, playlist management, and user authentication for the Lunatune platform.
- Implemented secure authentication and user management with Auth0, ensuring data privacy and a protected listening environment.
- Designed and implemented efficient database schemas to support user accounts, playlists, and music library management.
- Containerized the backend application with Docker, enabling consistent development and deployment across different environments.
- Utilized Azure cloud storage to securely host and serve music files, ensuring reliable and scalable access to audio content for users.

Website: <https://lunatune-app.vercel.app/>

Source: <https://github.com/TyeStanley/lunatune-api>

XPHUB

- Launched a modern web platform for liquid bulk transport, leveraging over 30 years of family industry experience to deliver safe, reliable, and transparent logistics solutions across the United States.
- Developed a comprehensive service catalog, enabling clients to request quotes and manage shipments for chemical, food-grade, petroleum, and industrial liquids, all through an intuitive and responsive interface.
- Implemented a customer-focused experience with real-time quote requests, 24/7 support, and a robust testimonial system, fostering trust and long-term client relationships.
- Integrated advanced safety and compliance features, including detailed service descriptions and transparent company values, to ensure regulatory adherence and client confidence.
- Utilized Next.js, React, and Tailwind CSS to create a scalable, performant, and visually appealing platform, optimized for both desktop and mobile users.

Website: <https://xphub.us/>

Source: <https://github.com/TyeStanley/xphub>

EDUCATION

THE UNIVERSITY OF TEXAS, AUSTIN | 2022

JAVASCRIPT MASTERY [E-PROGRAM] | 2024

TECHNICAL SKILLS

Languages & Technologies

JavaScript (ES6+), TypeScript, HTML5, CSS3, Git, Java, Python, C#, C++

Frameworks &Libraries

Frontend: React, Next.js, Tailwind CSS, jQuery

Backend: Node.js, Express.js, .NET

Testing: Jest

Databases & ORMs

MongoDB, MySQL, PostgreSQL, Prisma, Mongoose, Sequelize

Tools & Platforms

GitHub, Vercel, Heroku, Docker, Postman

Concepts & Methodologies

RESTful API Design, Agile/Scrum, Object-Oriented Programming (OOP), Test-Driven Development (TDD), CI/CD

Professional Competencies

- 5+ years of full-stack development experience with a focus on scalable web applications.
- Strong background in software support, troubleshooting, and timely issue resolution.
- Proven ability to collaborate in Agile environments, delivering high-quality fixes and features.